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Protocol status: Working
 We use this protocol and it's working

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Endo F1 Protocol for Deglycosylating Glycoproteins

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ABSTRACT

Endo F1 cleaves Asparagine-linked high mannose or hybrid oligosaccharides. It cleaves between the two N-acetylglucosamine residues in the diacetylchitobiose core of the oligosaccharide, generating a truncated sugar molecule with one N-acetylglucosamine residue remaining on the asparagine. In contrast, PNGase F removes the oligosaccharide intact.

MATERIALS

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Endo F1 **QA-Bio Inc Catalog #E-EF01**

Keywords: Endo F1,
Endoglycosidase F1,
Endoglycosidase

- 1** Add up to 200 µg of glycoprotein to an Eppendorf tube. Adjust to 38 µl final volume with de-ionized water.
- 2** Add 10 µl 5x Reaction Buffer 5.5
- 3** Add 2.0 µl of Endo F1 to the reaction
- 4** Incubate 3 hours at 37°C.
- 5** Monitor cleavage by SDS-PAGE.